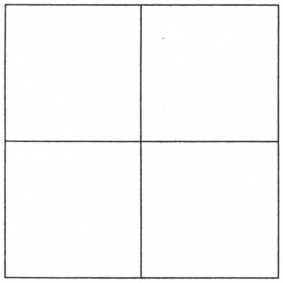
Factoring Quad Tris (when A = 1) Name: _____ Date: _____
Day 9 Notes

Factoring is _____ (or _____) backwards!

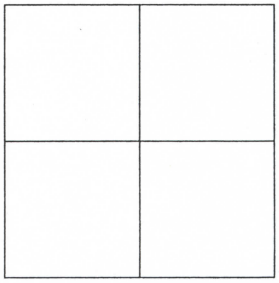
Remember the **Box/Area/Punnett** method? Try these out...

$(x - 3)(x + 4)$



Final Answer: _____

$(2x + 5)(x - 2)$



Final Answer: _____

What if you were given the completed box?
Can you work backwards to find the original problem?

x^2	$4x$
$2x$	8

Original Problem: ( )( )

Final Answer: _____

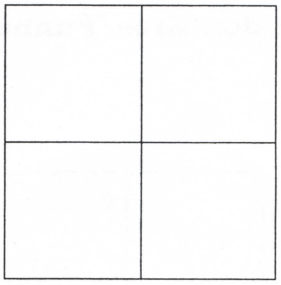
x^2	$-3x$
$-4x$	12

Original Problem: ( )( )

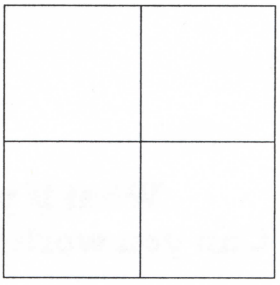
Final Answer: _____

What if you were given the final answer only and had to organize it into the boxes? How would you split up the middle terms? Factor the following quadratic trinomials.

$x^2 + 6x + 5$



$x^2 - 4x - 12$



$x^2 + 4x - 21$